

[002] FIELD OF THE INVENTION

[004] BACKGROUND OF THE INVENTION

[010] SUMMARY OF THE INVENTION

[021] BRIEF DESCRIPTION OF THE DRAWINGS

[022] The invention will now be described, by way of example, with reference to the accompanying drawings in which:

[029] DETAILED DESCRIPTION OF THE INVENTION

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13. (NEW) A continuously variable vehicle transmission (1) having a variator (2, 3, 23) transmission for continuously variable ratio adjustment and a multi-step transmission (4) with at least one input shaft (7) and an output shaft (8) shaft and at least two forward gears and at least one reverse gear, wherein in said multi-step transmission (4) a reversal of direction of rotation takes place between said input shaft (7) and said output shaft (8) using the at least two forward gears and the at least one reverse gear takes place without reversal of direction of rotation between said input shaft and said output shaft (11).

14. (NEW) The continuously variable vehicle transmission according to claim 13, wherein as variator comprises one of a cone pulley belt drive transmission (2) and a two-way toroidal drive (3) having input shafts (5, 16) and output shafts (6, 21) exhibiting the same direction of rotation, and wherein the output of the multi-step transmission (4), is reversed in its direction of rotation by a gear set (12).

15. (NEW) The continuously variable vehicle transmission according to claim 14, wherein said input shafts (5, 6) of said variator (2, 3) and said output shafts (16, 21) of said multi-step transmission (4) are disposed side by side in parallel.

16. (NEW) The continuously variable vehicle transmission according to claim 13, wherein said variator a one-way toroidal drive (23) and a reversal of direction of rotation takes place in said variator (23) between an input shaft (5) and said output shaft (6) of the drive (23).

17. (NEW) The continuously variable vehicle transmission according to claim 16, wherein said shafts (5, 6) of said variator (23) and said shafts (7, 8) of said multi-step transmission (4) are disposed coaxially consecutively.

18. (NEW) The continuously variable vehicle transmission according to claim 13, wherein said input shaft (7) and said output shaft (8) of said transmission (4) are coaxial to each other and situated on one or both sides of a housing of said transmission (4).

19. (NEW) The continuously variable vehicle transmission according to claim 13, wherein said multi-step transmission (4) is a planetary transmission.

20. (NEW) The continuously variable vehicle transmission according to claim 13, wherein a shift clutch of said multi-step transmission (4) is a starting clutch.

21. (NEW) The continuously variable vehicle transmission according to claim 13, wherein said multi-step transmission (4) is power-shiftably designed.

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22. (NEW) The continuously variable vehicle transmission according to claim 13, wherein two forward drive ranges are shiftable and have an overlapping range (27).

23. (NEW) The continuously variable vehicle transmission according to claim 14, wherein two forward drive ranges are shiftable and have an overlapping range (27).

24. (NEW) The continuously variable vehicle transmission according to claim 23, wherein a change of the drive range as group shifting is possible, there simultaneously occurring a stepped shift in said multi-step transmission (4) and a ratio adjustment of said variator (2, 3, 23).